

## Patent Abstracts of Japan

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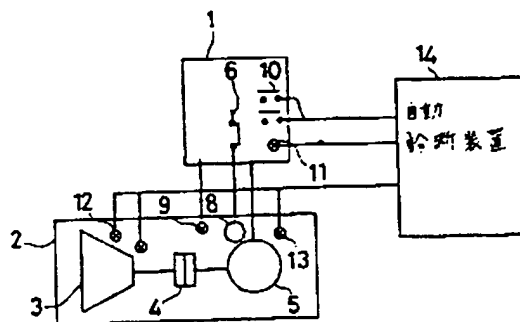
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TITLE : AUTOMATIC DIAGNOSTIC  
INSTRUMENT FOR EMERGENCY  
POWER GENERATING EQUIPMENT



ABSTRACT : PURPOSE: To quickly judge a failure in a power generating apparatus and quickly repair it by taking in a variety of data necessary for the automatic diagnosis of the apparatus into a diagnostic instrument at every predetermined time and outputting the result of the automatic diagnosis and a method of treatment according to a diagnostic flow.

CONSTITUTION: When a gas turbine 3 is in operation, an automatic diagnostic instrument 14 takes in a variety of data necessary for an automatic diagnosis from control board side, turbine side and generator side detecting sensors 11, 12 and 13, respectively, into an automatic diagnostic instrument 14. The instrument 14 conducts logical decisions and operations based on the data taken in and according to a diagnostic flow and, when an abnormality is found in the result of a check, displays an estimated cause and a method of treatment. When the result of the diagnosis is normal, the instrument 14 performs the readout and the diagnosis of inputted data at every constant time.

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